

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.:
SY01106KQ1 **#4**SERIAL NO.:
09/993,777INFORMATION DISCLOSURE STATEMENT
FOR PATENTAPPLICANT:
Wild, et alFILING DATE:
November 06, 2001GROUP:
To be assigned

Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
32	AA	5,182,210	1/26/93	Binns, et al.			
32	AB	5,310,671	5/10/94	Binns, et al.			
32	AC	5,047,237	10/10/91	Cochran, et al.			
32	AD	5,223,424	06/29/93	Cochran, et al.			
32	AE	5,240,703	08/31/93	Cochran, et al.			
32	AF	4,980,162	12/25/90	Honda, et al.			
32	AG	5,279,965	01/18/94	Keeler, Jr.			
32	AH	5,231,023	07/27/93	Morgan.			
32	AI	4,769,331	09/06/88	Roizman and Post			
32	AJ	4,877,737	10/31/89	Shih, M. F.			
32	AK	5,187,087	02/16/93	Sodermeijer, P., et al.			
32	AL	5,252,717	10/12/93	Velicer, L. F.			

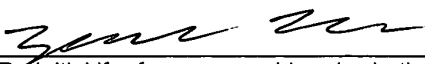
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
32	AM	WO 87/04429		PCT				
32	AN	WO 88/07088		PCT				
32	AO	WO 89/01040		PCT				
32	AP	WO 90/02802		PCT				
32	AQ	WO 90/02803		PCT				
32	AR	WO 91/02053		PCT				
32	AS	WO 92/01040		PCT				
32	AT	WO 92/02053		PCT				
32	AU	WO 92/02802		PCT				
32	AV	WO 92/03547		PCT				
32	AW	WO 92/03554		PCT				
32	AX	EP 0 431 668 A1		Europe				
32	AY	EP 0 473 210 A2		Europe				
32	AZ	EP-0-477-056-A1		Europe				

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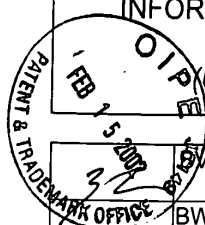
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FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: SY01106KQ1	SERIAL NO.: 09/993,777
INFORMATION DISCLOSURE STATEMENT FOR PATENT (See several sheets if necessary)				APPLICANT: Wild et al.	
				FILING DATE: November 6, 2001	GROUP: To be Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
32	BA	Andreasen J., et al., (1989) Studies of infectious laryngotracheitis vaccines: Immunity in broilers. Avian Diseases 33:516-523.			
32	BB	Andreasen J., et al., (1989) Studies of infectious laryngotracheitis vaccines: Immunity in vayers. Avian Diseases 33:524-530.			
32	BC	Andreasen J., et al., (1990) Reproducibility of a virus-neutralization test for infectious laryngotracheitis virus. Avian Diseases 34:185-194.			
32	BD	Andreasen J., et al., (1990) Differentiation of vaccine strains and Georgia field isolates of infectious laryngotracheitis virus by their restriction endonuclease fragment patterns. Avian Diseases 34:646-656.			
32	BE	Barker et al., (1990) Identification of three genes essential for growth in cell culture near the right terminus of the unique sequences of long component of herpes simplex virus 1. Virology 177:684-691.			
32	BF	Cantello, J. et al., (1991) Isolation of a Marek's disease virus (MDV) recombinant containing the lacZ gene of <i>Escherichia coli</i> . J. Gen. Virology 65:1584-1588.			
32	BG	Colle et al., (1992) Open reading frames encoding a protein kinase, homolog of glycoprotein gX of pseudorabies virus and a novel glycoprotein map within the unique short segment of equine herpesvirus type 1. Virology 188:545-557.			
32	BH	Davison, S., et al., (1989) Laryngotracheitis in chickens: The length of the preinfectious periods. Avian Diseases 33:18-23.			
32	BI	Davison, S., et al., (1989) Laryngotracheitis in chickens: Infectious studies and the efficacy of a tissue-culture vaccine in chicks less than four weeks old. Avian Diseases 33:24-29.			
32	BJ	Finkelstein, A., et al., (1989) Live recombinant vaccines for poultry. Trends in Biotechnology 7:273-277.			
32	BK	Griffin, A., et al., (1991) The nucleotide sequence of the glycoprotein gB gene of infectious laryntracheitis virus: Analysis and evolutionary relationship to the homologous gene from other herpesviruses. J. Gen. Virology 72:393-398.			
32	BL	Griffin, A., (1991) The complete sequence of the capsid p40 gene from infectious laryngotracheitis virus, Nucleic Acids Res. 18:3664.			
32	BM	Griffin, A.M., (1989) Identification of 21 genes of infectious laryngotracheitis virus random sequencing of genomic DNA. J. Gen. Virology 70:3085-3089.			
32	BN	Griffin, A. and Brousnell, (1990) Analysis of the nucleotide sequence of DNA from the region of the thymidine kinase gene of infectious laryngotracheitis virus: Potential evolutionary relationships between the herpesvirus subfamilies. J. Gen Virology 71:841-850.			
32	BO	Griffin, H.G., (1991) Attenuated <i>Salmonella</i> as live vaccines: Prospects for multivalent poultry vaccines. World's Poultry Science Journal 47:131-140.			
32	BP	Guo, P et al. (1994) Construction of recombinant avian infectious laryngotracheitis virus expressing the β -galactosidase gene and DNA sequencing of the insertion region. Virology 202:771-781.			
32	BQ	Guy, J.S., et al., (1990) Virulence of infectious laryngotracheitis viruses: Comparison of modified-live vaccine viruses and North Carolina field isolates. Avian Diseases 34:106-113.			
32	BR	Guy, J., et al., (1991) Increased virulence of modified-live infectious laryngotracheitis vaccine virus following bird-to-bird passage. Avian Diseases 35:348-355.			
32	BS	Guy, J., et al., (1989) Restriction endonuclease analysis of infectious laryngotracheitis viruses: Comparison of modified-live vaccine and North Carolina field isolates. Avian Diseases 33:316-323.			
32	BT	Hanson and Bagust, (1991) Diseases of Poultry, Ninth Edition, M.S. Hofstad, Ed., pp. 485-495, Iowa State University Press.			
32	BU	Hughes, C.S., et al., (1991) Latency and reactivation of infectious laryngotracheitis vaccine virus. Arch. Virol. 121:213-218.			
EXAMINER			DATE CONSIDERED		
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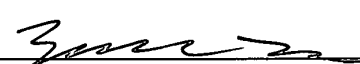
APPLICANT:
Wild et al.FILING DATE:
November 6, 2001GROUP:
To be Assigned

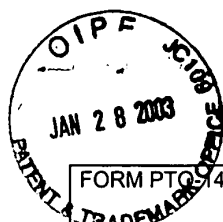
32	BW	Izuchi, <i>et al.</i> , (1983) Studies on a live virus vaccine against infectious laryngotracheitis of chickens, I. Biological properties of attenuated strain C7. <i>Avian Diseases</i> 27:918-926.
32	BX	Johnson, M., <i>et al.</i> , (1991) Gallid herpesvirus 1 (infectious laryngotracheitis virus): Cloning and physical maps of the SA-2 strain. <i>Arch Virol.</i> 119:181-198.
32	BY	Keam, L., <i>et al.</i> , (1991) Detection of infectious laryngotracheitis virus in chickens using a non-radioactive DNA probe. <i>Avian Diseases</i> 35:257-262.
32	BZ	Keeler, C.L. Jr., <i>et al.</i> , (1991) Identification of the thymidine kinase gene of infectious laryngotracheitis virus. <i>Avian Diseases</i> 35:920-929.
32	CA	Key, D.W. and Nagy, D., (1993) Abstract From the 65 th Northeast Conference on Avian Disease, June 9-11, University of Delaware, Newark, Delaware.
32	CB	Kingsley, D.H., Hazel, <i>et al.</i> , (1993) Abstract From the 65 th Northeastern Conference on Avian Diseases, June 9-11, University of Delaware, Newark, Delaware.
32	CD	Kongsuwan, K., <i>et al.</i> , (1993) Use of lambda gtlI and monoclonal antibodies to map the gene for the 60,000 Dalton glycoprotein of infectious laryngotracheitis virus. <i>Virus Genes</i> 7:297-303.
32	CE	Kongsuwan, K., <i>et al.</i> , (1993) Identification of an infectious laryngotracheitis virus gene encoding an immunogenic protein with a predicted M(r) of 32 kilodaltons. <i>Virus Research</i> 29:125-140.
32	CF	Kongsuwan, K., <i>et al.</i> , (1991) Nucleotide sequence of the gene encoding infectious laryngotracheitis virus glycoprotein B. <i>Virology</i> 184:404-410.
32	CG	Kotiwi, M., <i>et al.</i> , (1986) Differentiation between virulent and avirulent strains of infectious laryngotracheitis virus by DNA: DNA hybridization using a cloned DNA marker. <i>Vet. Microbiology</i> 11: 319-330.
32	CH	Kotiwi, M., <i>et al.</i> (1982) Differentiation of infectious laryngotracheitis virus strain using restriction endonucleases. <i>Avian Diseases</i> 26:718-731.
32	CI	Leib, D., <i>et al.</i> , (1987) Genome isomerism in two alphaherpesviruses: Herpesvirus Saimiri-1 (Herpesvirus tamarinus) and avian infectious laryngotracheitis virus. <i>Arch Virology</i> 93:287-294.
32	CJ	Leib, D. <i>et al.</i> , (1986) Restriction endonuclease patterns of some European and American isolates of avian infectious laryngotracheitis virus. <i>Avian Diseases</i> 30:835-837.
32	CK	Nazerian, <i>et al.</i> , (1992) Protection against Marek's disease by fowlpox virus recombinant expressing the glycoprotein B of Marek's disease virus. <i>J. Virology</i> 66(3):1409-1413.
32	CL	Petrovskis, <i>et al.</i> , (1986) DNA sequence of the gene for pseudorabies virus gp50, a glycoprotein gB gene by the polymerase chain reaction. <i>J. Virol.</i> 59(2):216-223.
32	CM	Poulsen, D., <i>et al.</i> , (1991) Identification of the infectious laryngotracheitis virus glycoprotein gB gene by the polymerase chain reaction. <i>Virus Genes</i> 5:335-347.
32	CN	Purves, <i>et al.</i> , (1987) Herpes simplex virus 1 protein kinase is encoded by open reading frame US3 which is not essential for virus growth in cell culture. <i>J. Virology</i> 61:2896-2901.
32	CO	Prideaux, C.T. <i>et al.</i> , (1991) Infectious laryngotracheitis virus growth, DNA replication, and protein synthesis. <i>Arch. Virol.</i> 123: 181-192.
32	CP	Reilly and Silva, (1993) Cosmid library of the turkey herpesvirus genome constructed from nanogram quantities of viral DNA associated with an excess of cellular DNA. <i>Journal of Virological Methods</i> 41: 323-332.
32	CQ	Ross, L., <i>et al.</i> (1991) DNA sequence and organization of genes in a 5.5 kbp EcoRI fragment mapping in the short unique segment of Marek's disease virus (strain RB1B). <i>J. Gen. Virology</i> 72:949-954.
32	CR	Ross, L., <i>et al.</i> (1991) Properties and evolutionary relationships of the Marek's disease virus homologues of protein kinase, glycoprotein I of herpes simplex virus. <i>J. Gen. Virology</i> 72:939-947.
32	CS	Saif, Y.M <i>et al.</i> , (1993) AVMA 130 th Annual Meeting, July 17-21, Minneapolis, MN.
32		Sakaguchi <i>et al.</i> , (1992) Sequence determination and genetic content of an 8.9-kb restriction fragment in the short unique region and the internal inverted repeat of Marek's disease virus type 1 DNA. <i>Virus Genes</i> 6(4):365-378.

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				FILING DATE: November 6, 2001	GROUP: To be Assigned
32 32 32 32 32 32 32 32 32 32 PATENT & TRADEMARK OFFICE FEB 15 2002 OIP	CU	Sanchez-Martinez <i>et al.</i> , (1991) Evaluation of a test based on baculovirus expressed glycoprotein G for detection of herpes simplex virus type specific antibodies. <i>J. of Infectious Disease</i> 164:1196-1199.			
	CV	Schnitzlein, W. <i>et al.</i> , (1995) Generation of thymidine kinase-deficient mutant of infectious laryngotracheitis virus. <i>Virology</i> 209:304-314.			
	CW	Sharma, J.M. and Raggi, L.G., (1969) A plaque system for study of infectious laryngotracheitis virus in adult chicken kidney cultures. <i>Avian Diseases</i> 13:268-279.			
	CX	Sheppard, M. and York, J.J., (1990) Identification of an infectious laryngotracheitis virus equivalent to the herpes simplex virus type 2 major DNA binding protein (ICP8). <i>Acta. Virol.</i> 34:443-448.			
	CY	Shirley, M., <i>et al.</i> , (1990) Detection of DNA from infectious laryngotracheitis virus b colourimetric analysis of polymerase chain reactions. <i>J. Virological Methods</i> 30:251-260.			
	CZ	Van Zijl <i>et al.</i> , (1988) Regeneration of herpesviruses from molecularly cloned subgenomic fragments. <i>J. Virology</i> 62:2191-2195.			
	DA	Wark, M.C., <i>et al.</i> , (1979) The development and evaluation of a cell vaccine against infectious laryngotracheitis virus. <i>Journal of Biological Standardization</i> 7:73-80.			
	DB	Weber, P., <i>et al.</i> , (1987) Rapid identification of nonessential genes of herpes simplex virus type 1 by Tn5 mutagenesis. <i>Science</i> 236:576-579.			
	DC	Wild, M. <i>et al.</i> , (1996) A genomic map of infectious laryngotracheitis virus and the sequence and organization of genes present in the unique short and flanking regions. <i>Virus Genes</i> 12:107-116.			
	DD	York, J.J. <i>et al.</i> , (1987) Immunogenic glycoproteins of infectious laryngotracheitis herpesvirus. <i>Virology</i> 161:340-347.			
DE	York, J.J. <i>et al.</i> , (1990) Antigens of infectious laryngotracheitis herpesvirus defined by monoclonal antibodies. <i>Arch. Virol.</i> 115:147-162.				
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: SY 01106 KQ1 US	SERIAL NO.: 09/993,777
INFORMATION DISCLOSURE STATEMENT FOR PATENT (Use several sheets if necessary)		APPLICANT: Martha A. Wild <i>et al.</i>	
		FILING DATE: November 6, 2001	GROUP: 1642

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
32	6,123,949	Sept. 26, 2000	Cochran <i>et al.</i>			
32	5,928,648	July 27, 1999	Cochran			

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

32	Zelnik, <i>et al.</i> , "The Complete Sequence and Gene Organization of the Short Unique Region of Herpesvirus of Turkeys", <i>J. Gen. Virology</i> , vol. 74, pp. 2151-2162 (1993).

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